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Listing of Claims:

1.(currently amended) Ejection apparatus for separating a molded part from a molding surface of a mold cavity defined by a pair of cooperating mold members in a mold assembly of an injection molding machine, the mold assembly including at least one ejector pin mounted in an ejector plate for movement relative to the molding surface, ~~an ejector rod extending from the ejector plate and slidably supported in a movable platen that carries one of the mold members, the ejector rod connecting to a knock-out bar, the ejection apparatus comprising~~including an electrically-powered ejector drive system for moving the ejector plate relative to the molding surface with an electric motor having a rotatable output shaft, ~~and the ejection apparatus comprising: at least one ejector rod extending from and connected with the ejector plate for movement therewith and slidably supported in a movable platen that carries one of the mold members, a knock-out bar for moving the ejector rods wherein the ejector rods are slidably carried by the knock-out bar for limited movement relative thereto, a cam member connected with the motor output shaft, a cam follower operatively coupled with the knock-out bar, wherein the ejector rod is slidably carried by the knock-out bar for limited relative movement, and a spring is positioned between an end of each the ejector rod and the knock-out bar, the springs being compressed by over-travel of the knock-out bar relative to the ejector plate in a direction away from the mold member, a cam member connected with the motor output shaft, and a cam follower operatively coupled with the knock-out bar, such that the cam follower interacts with the cam member to convert rotation of motor drive shaft to linear movement of the ejector plate toward and away from the molding surface when the motor is rotated in only one direction of rotation.~~

2. (previously presented) Ejection apparatus in accordance with claim 1, wherein the ejector pin is slidably carried by the ejector plate.

3. (previously presented) Ejection apparatus in accordance with claim 2, wherein the ejector pin includes an enlarged end stop member at its inner end to limit outward travel of the ejector pin relative to the ejector plate.

4. (previously presented) Ejection apparatus in accordance with claim 3, wherein the

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ejector pin includes an intermediate, outwardly-extending flange, and a compression spring positioned between the flange and the ejector plate for biasing the ejector pin into an extended position relative to the ejector plate.

5. (currently amended) Ejection apparatus in accordance with claim 1, wherein the cam member includes a substantially circular cam track and the cam track axis is offset from an axis of the drive shaft that rotates the cam member so that the cam follower moves linearly in a direction toward and away from the molding surface.

6. (canceled)

7. (currently amended) Ejection apparatus in accordance with claim 5, wherein the cam member includes means for adjusting the relative offset of the cam track axis to the axis of the drive shaft.

8. (currently amended) Ejection apparatus in accordance with claim 7, wherein the means for adjusting the relative offset of the cam track axis comprises discrete alternate mounting locations for the drive shaft in the cam member.

9. (currently amended) Ejection apparatus in accordance with claim 7, wherein the means for adjusting the relative offset of the cam track axis comprises means for variably displacing the location of the drive shaft relative to a central axis of the cam member.

10. (previously presented) Ejection apparatus in accordance with claim 9, wherein the means for variably displacing the location of the drive shaft relative to a central axis of the cam member comprises a bearing block to receive the drive shaft and means for adjusting the mounting position of the bearing block in the cam member.

11. (previously presented) Ejection apparatus in accordance with claim 5, wherein the cam track of the cam member includes at least one portion that varies from the substantially circular path of the cam track to generate a pulsation in the linear movement of the ejector plate when the cam member is rotated.

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12. (currently amended) Ejection apparatus in accordance with claim 1, wherein the motor drives a first drive pulley that includes a first one-way clutch operatively coupled with the ejector drive system for moving the ejector pins toward and away from the molding surface while the motor rotates in only one direction of rotation, the motor also driving a
- 5 second drive pulley that includes a second one-way clutch operatively coupled with a second drive system of the injection molding machine, such that the second drive system operates only when the motor rotates in a direction opposite from that for operating the ejector drive system.